



WELL GENERATED BY STEVE RAY 8/21/15

Review of Geographic Factors related to UIC Permit Issuance
January 21, 2015; revised August 21, 2015

| | |
|---------------------------------|--|
| Applicant | Michigan Potash Operating, LLC |
| Well Name | MPC 1D |
| Permit Writer | Allan Batka |
| Permit No. | MI-133-1I-0004 |
| Latitude/Longitude | 43.825947, -85.323008 (based on applicant's data), Osceola County |
| Coastal Zone Management Area | The site is not within the Michigan/Indiana Coastal Zone Management Area. |
| EJ | EJSCREEN: Low Income Population is 44%. |
| Field Rules? | Not applicable |
| Public notice map | g:/UIC/Technical/Permits/Maps/133i0004,5,6.gif |
| Traverse USDW? | This site is not in the area in Michigan in which the Traverse Limestone can be an Underground Source of Drinking Water. |
| Tribal land? | There are no federally-recognized tribal lands in Osceola Co. |
| WHPA? | The site is approximately 0.79 mi from the Kalium Chemicals Type 2 Provisional WHPA. |
| Wild & Scenic River? | There are no federally-recognized Wild & Scenic Rivers in Osceola County. |
| UIC Permit Applications webpage | Sent to R5 web support January 21, 2015. |

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Review of Geographic Factors related to UIC Permit Issuance
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| | |
|---------------------------------|--|
| Applicant | Michigan Potash Operating, LLC |
| Well Name | MPC 2D |
| Permit Writer | Allan Batka |
| Permit No. | MI-133-11-0005 |
| Latitude/Longitude | 43.825948, -85.322932 (based on applicant's data), Osceola County |
| Coastal Zone Management Area | The site is not within the Michigan/Indiana Coastal Zone Management Area. |
| EJ | EJSCREEN: Low Income Population is 44%. |
| Field Rules? | Not applicable |
| Public notice map | g:/UIC/Technical/Permits/Maps/133i0004,5,6.gif |
| Traverse USDW? | This site is not in the area in Michigan in which the Traverse Limestone can be an Underground Source of Drinking Water. |
| Tribal land? | There are no federally-recognized tribal lands in Osceola Co. |
| WHPA? | The site is approximately 0.52 mi from the Kalium Chemicals Type 2 Provisional WHPA. |
| Wild & Scenic River? | There are no federally-recognized Wild & Scenic Rivers in Osceola County. |
| UIC Permit Applications webpage | Sent to R5 web support January 21, 2015. |

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Review of Geographic Factors related to UIC Permit Issuance
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| | |
|---------------------------------|--|
| Applicant | Michigan Potash Operating, LLC |
| Well Name | MPC 3D |
| Permit Writer | Allan Batka |
| Permit No. | MI-133-II-0006 |
| Latitude/Longitude | 43.818448, -85.326073 (based on applicant's data), Osceola County |
| Coastal Zone Management Area | The site is not within the Michigan/Indiana Coastal Zone Management Area. |
| EJ | EJSCREEN: Low Income Population is 43%. |
| Field Rules? | Not applicable |
| Public notice map | g:/UIC/Technical/Permits/Maps/133i0004,5,6.gif |
| Traverse USDW? | This site is not in the area in Michigan in which the Traverse Limestone can be an Underground Source of Drinking Water. |
| Tribal land? | There are no federally-recognized tribal lands in Osceola Co. |
| WHPA? | The site is 0.25 miles from the Kalium Chemicals Type 2 Provisional WHPA. |
| Wild & Scenic River? | There are no federally-recognized Wild & Scenic Rivers in Osceola County. |
| UIC Permit Applications webpage | Sent to R5 web support January 21, 2015. |

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